BALACHANDIRAN E

# Full Stack Developer

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**Summary**

Experience in building any Mobile application is preferred.

Architect, build and maintain excellent React Native & Node JS applications with clean code.

Design, develop, and deliver code to support new feature developments and enhancements.

Excellent knowledge on mobile app development cycle, design principles.

Proven experience in React Native components in native iOS and Android

Experience in React Native, Node JS, API, Javascript and Flux or Redux.

Experience in working with remote data via REST and JSON.

Familiarity with cloud message API and push notifications.

Highly organized, with good written and oral communication skills in English.

Expertise on any one of the code editor Visual Studio Code, Android Studio

# **Technical Skills**

|  |  |
| --- | --- |
| * Frontend: HTML5, CSS3, XML, React JS Framework * Backend: Java, Java Script, PHP, Node JS (platform) * Databases: MySQL, MongoDB * Development: Android, React | * IDE Tools: VS Code, Android Studio * Other: Word press |

**Experience**

Over **2.5** years of professional exposure in JavaScript technology such as **React, Mongodb, Express.js, Node JS**. And **6** months of professional exposure in Android App Development.

**Full Stack Developer** - 03/2019

**Platosys Technologies PVT Ltd** Chennai.

* Working couple of Android Application using Java Programming.
* Working with backend projects using PHP and Node JS.
* Working with an automate website generate project’s Word press part.
* Cooperate with designers to create clean interfaces and simple, intuitive interactions and experiences.
* Develop project concepts and maintain optimal workflow.
* Work with senior developer to manage large, complex design projects for corporate clients.
* Complete detailed programming and development tasks for front end public and internal websites as well as challenging back-end server code.
* Carry out quality assurance tests to discover errors and optimize usability.

# **Projects**

**E-kart App: E Commerce App**

**Description:**

E-kart app is about Online Shopping mobile application. User can buy a product with Online transaction such as Card payment and UPI. There are two Users in this project Admin and User. Admin can have access to add categories, items, change app logo, app name, description, block and unblock users.

User can buy a product and review about the app. Once the payment is successful the success mail and sms will be send to the user.

**Roles and Responsibilities:**

* Responsible for back end development using Node JS
* Develop and manage well-functioning MySql to maintain all the product list and user information
* Display the total bill of the cart and update it as soon as the cart is updated by the user.
* Api integration parts are developed using Node JS and Express JS
* Responsible for build the front-end of applications using React Native.
* Integrating the stripe payment gateway to proceed the purchasing.
* After the payment successful the order details are maintained in DB for future references.
* Testing the application to ensure responsiveness and efficiency

## Food Park: Food Order web app

**Description:**

Food Park project is a Food order web application like swiggy and Uber eats.

Admin can add or delete the food details and Approve or Cancel an order.

Once an order approved or cancelled by admin the email and sms will be sending to the user. Display the total bill of the cart and update it as soon as the cart is updated by the user. When user select the food item it will show the full details of the particular item, the logged in session will be expired after 24 inactive hours.

**Roles and Responsibilities:**

* Responsible for build the front-end of applications using React JS.
* Responsible for back end development using Node JS
* Develop and manage well-functioning MongoDB to maintain all the product list and user information
* Api integration parts are developed using Node JS and Express JS
* Testing the application to ensure responsiveness and efficiency
* Creating JWT tokens to securely transmitting information.

**Fin Application:**

**Description:**

Whether the users are looking to open an account, close an account, or apply for a debit or credit card, to

remove unnecessary paperwork the bank application form is easy to register their details. The app will generate the OTP according to the mail id in order to login the application. Once logged in they can enter their personal details, answering the security questions and uploading their image. The logged in session will be expired after 24 inactive hours.

**Roles and Responsibilities:**

* Developing front end website architecture using React JS, CSS and bootstrap
* Developing back-end website applications using Node JS and Express JS
* Develop and manage well-functioning MongoDB to maintain all the user information
* Modeling the data in MongoDB for effective CRUD operations
* The application uses MVC architecture to develop the back end in multiple components which makes code reusability and easy to maintain
* Api integration parts are developed using Node JS and Express JS
* Creating JWT tokens to securely transmitting information
* Testing the application to ensure responsiveness and efficiency

**Chat application:**

**Description:**

This project created a web application for users to instantly communicate with each other.

And the most important part of building a good chat application is focus on the data flow on web. This

Project spends a good amount of research to find the most appropriate technology for deliver the

data flow, which is REST API for account management, Web Socket for text chat. It provides a general architecture for chat applications, and anyone or organization can use it as the basis for providing instant messaging capabilities

**Roles and Responsibilities:**

* Developing front end website architecture using React JS, CSS and bootstrap
* Using Firebase for Chat backups.
* Using Socket IO for convey messaging
* The application uses MVC architecture to develop the back end in multiple components which makes code reusability and easy to maintain
* Testing the application to ensure responsiveness and efficiency

## Tranquila: A Review application (Like Facebook) Android

**Description:**

Tranquila is about connecting people by sharing information about cannabis, and is meant for adult medical and recreational cannabis users and fans. Tranquila is a cannabis social media platform. It is not a weed shop, finder, or directory. Additionally, Tranquila does not provide medical advice.

Couple of way to review user experience is Medicinal and Recreational. User can post Images and videos in the review flow and the normal post. User can Like Share and Commend a post.

The Review flow is generated to step by step user inputs. Notification will send email and push notification. The Cannabis store is shown the map view. The store details fetched when clicks the store name in the map view. We developed messaging part in the app. User can follow another user and view the user detail also.

**Roles and Responsibilities:**

* This application is developed in Android studio with JAVA programming
* Developing front end website architecture using XML and JAVA
* Developing back-end website applications using PHP
* Develop and manage well-functioning MySQL to maintain all the user information
* Modeling the data in MySQL for effective CRUD operations
* API integrations using volley services.
* Creating JWT tokens to securely transmitting information
* Testing the application to ensure responsiveness and efficiency

## Digital Sign-in: Site managing application Android

**Description:**

Digital Sign-in is about manage and record employees remotely with this specifically designed app. No longer do site visitors or field staff have to visit the site office to sign in at the construction site, simply arrive at the defined site area and sign in with one click of the app.

Managers are able to review the sign in's and out's as well as export the log automatically.

Broadcast to all site visitors in case of emergency

Manager can check site visitors, their profile information, including safety credentials, employer, phone numbers, and sign in geolocation

Automatic reminders to sign out of the app after a certain amount of time

Add and manage multiple sites

**Roles and Responsibilities:**

* This application is developed in Android studio with JAVA programming
* Developing front end website architecture using XML and JAVA
* Developing back-end website applications using PHP
* Develop and manage well-functioning MySQL to maintain all the user information
* Modeling the data in MySQL for effective CRUD operations
* API integrations using volley services.
* Testing the application to ensure responsiveness and efficiency.

## Tribe: Progressive web app

**Description:**

User can construct a website using pre-made templates, without having to design it or write the code themselves. This application offers a variety of different design templates from which to choose from. Once the users build their website they can purchase it. Payment integration is done by using Stripe Payment Gateway.

**Roles and Responsibilities:**

* Discussion with client to understanding design requirements and developing the designing for payment flows, order menus, post creators and other services
* Work with development teams and product managers ideate software solutions
* Worked in front end part using ionic components like HTML, CSS and JavaScript
* Worked on Payment gateway integration, Push Notification Service and other third party integration
* Building the API to manipulating the data with the server and used MySQL data base to store all the data.
* Used Airtable to store and manage all the data for the website generator
* Build features and applications with a mobile responsive design
* Worked on integrating Stripe payment gateway. Adding discounts and coupons to calculating the total amount

# **Education Qualification**

Bachelor of Science: **Computer Science (2019), Thiruvalluvar University Vellore with 75%**

## HSC: Mount Park higher secondary school **k**allakurichi (2016) with 63%

SSLC: **Ilango Adigal Government higher secondary school Pondicherry (2014) with 67%**

# **Personal Details**

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